



Missouri  
Department of  
Natural Resources

Chillicothe Municipal Utilities  
Electric Generation and Emissions in 2011

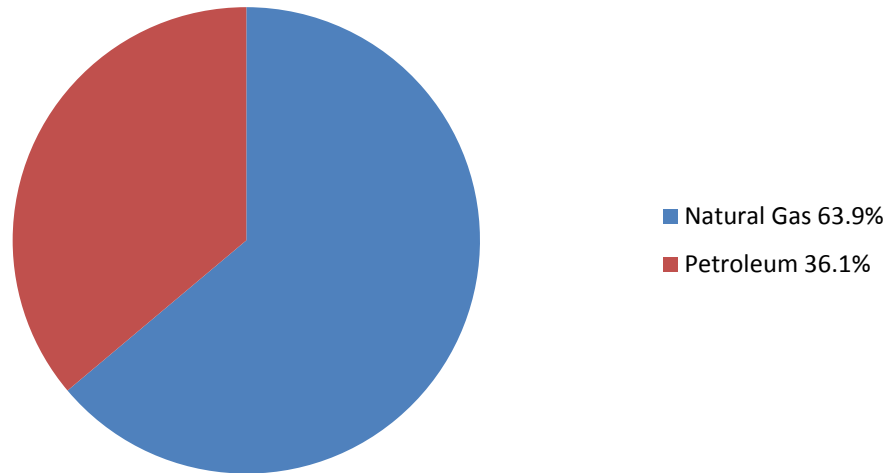
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
<b>Non-renewable sources</b>						
Coal						
Natural Gas	5,510	74.0%	74.0%	327	63.9%	63.9%
Petroleum	1,933	26.0%	26.0%	185	36.1%	36.1%
Nuclear						
Other						
<b>Non-renewable total</b>	<b>7,443</b>	<b>100.0%</b>	<b>100.0%</b>	<b>512</b>	<b>100.0%</b>	<b>100.0%</b>
<b>Renewable sources</b>						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
<b>Renewable total</b>						
<b>Grand total</b>	<b>7,443</b>		<b>100.0%</b>	<b>512</b>		<b>100.0%</b>

Fuel Type	Physical Units	Number of Units
Natural Gas	MCf	5,406
Distillate Fuel Oil	Barrels	333



### Net Generation by Fuel Type, 2011 for Chillicothe Municipal Utilities





Missouri  
Department of  
Natural Resources

Power Plant Nameplate information for Chillicothe Municipal Utilities

<b>Plant Name</b>	<b>County Location</b>	<b>Nameplate Capacity (MW)</b>
<i>Chillicothe Municipal Utilities</i>		<i>360.0</i>
Chillicothe	Livingston	360.0



Missouri  
Department of  
Natural Resources

Emissions from Electricity Generated in 2011: Chillicothe Municipal Utilities

	<b>CO2 Equivalent (TONS)</b>	<b>Carbon Dioxide (CO2) (TONS)</b>	<b>Methane (CH4) (TONS)</b>	<b>Nitrogen Dioxide (NO2) (TONS)</b>
<i>Chillicothe Municipal Utilities</i>	5,298	1,912	50	8
Chillicothe	5,298	1,912	50	8

	<b>Sulfur Dioxide (SO2) (TONS)</b>	<b>Annual Nitrogen Oxide (NOx) (TONS)</b>	<b>Summer Nitrogen Oxide (NOx) (TONS)</b>
<i>Chillicothe Municipal Utilities</i>	0	0.0000	0.0000
Chillicothe	0	0.0000	0.0000



Missouri  
Department of  
Natural Resources

Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by Chillicothe Municipal Utilities

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by Chillicothe Municipal Utilities

Plant	Control Equipment
	No FGP Controls Installed

**Notes:**

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy  
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy  
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,  
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>